



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

March 2017

PAGE 1 OF 14

Data Qualified?
Yes / No

Location/STORET Station Name: Quincy Creek upstream of SR 65

Date: 4/11/17

(mm/dd/yyyy)

STORET # G1WA0049

WBID: 1303

Latitude: 30.599

(Decimal Degrees)

County: Gadsden

RQ - 2017-04-10-19

ORG ID: 21FLWQA

Longitude: -84.576

(Decimal Degrees)

Receiving Body of Water: Little River

Field ID: G1WA0049_04112017

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Ben Ralys			X				NA	NA
Phil Homann		X		X	X	X	NA	NA

Sampling Equipment		
☐ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Equipment ID		

Collection Method	
☒ Wading	☐ Via Boat
☐ From Shore	☐ Canoe/Kayak
☐ Other (note below)	☐ Electric Motor
	☐ Gasoline Motor

Water Level: <u>Dry</u> / Pooled / Low / <u>Normal</u> / High / Flooded	Matrix: <u>Fresh</u> / Marine / DI
Meter ID# <u>Biology #2</u>	Photos: <u>Yes</u> / No
	Tide Falling: Yes / No / <u>NA</u>

Field Sample

Time Zone	Time	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1120	0.15	0.3	8.89	91.4	6.92	0.03	U.O.B.	74	16.74
CEN										

Biological Samples Collected: <u>None</u>	HA	SCI	RPS	Algae ID	LVS	LVI	Other
SBIO ID Numbers:	SBIO-ID:	RPS-ID:	Macrophyte-ID:	LIMS#:			

Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☐ Ice ☒ H2SO4	62302030	10/28/17	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☐ Ice ☒ HNO3	6253070	9/9/17	☒ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	Contains 1:1 Sulfuric Acid SA-6302030 EXP: 10/28/17 Warning! See SDS Contains 1:1 Nitric Acid NA-6253070 EXP: 09/09/17 Warning! See SDS		
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☒ E Coli ☐ F Coli ☐ Enterococci ☐ qPCR	☒ Ice			
Tracers	☒ W-SUC-AA-R ☒ W-UHERB-AA ☒ W-AHERB-AA	☒ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

QA/QC Sample Information

Duplicate

Time Zone: EST CEN		Sample Depth (m): _____		Field ID: _____	
Time: _____		Total Depth (m): _____			
Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☐ Ice ☐ H ₂ SO ₄			☐ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice	Place Preservative Sticker(s) Here (If Available)		
Chlorophyll	☐ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococci ☐ qPCR	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Blank

Time Zone: EST CEN		Time: _____		Field ID: _____		Location: _____	
☐ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank		Equipment ID: _____					
Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check		
Preserved Nutrients	☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☐ Ice ☐ H ₂ SO ₄			☐ < 2		
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 2		
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice	Place Preservative Sticker(s) Here (If Available)				
Chlorophyll	☐ CHLSUITE-W	☐ Ice					
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice					
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice					
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococci ☐ qPCR	☐ Ice					
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice					
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Other					

Notes:

Quincy Creek
upstream of
SR 65



Field ID →
Quincy Creek
upstream of
SR 65
April 11, 2017



Signature: _____

[Handwritten Signature]

Date: _____

4/11/17

Field Parameters Entered into LIMS: _____

DC 4/13/17
(Initials/Date)

Field Parameters QC in LIMS: _____

(Initials/Date)

Date Migrated to STORET: _____

(Initials/Date)

Field Sheets Scanned/Saved: _____

DC 4/13/17
(Initials/Date)

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there is qualified data on this page.

Meter **Biology #2**

RQ- **2017-04-10-19**

Project **SMP**

- Notes:** (1) Numbers ≤ 4 , are rounded down; numbers ≥ 5 are rounded up (e.g., 5.15 becomes 5.2).
 (2) Always wait for meter to stabilize before recording any readings.
 (3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Circle/Fill In: Lab Calibration or Calibration/Verification on Site

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification **03/06/2017**

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Ben Ralys	4/11/17	7:15	21.45	8.84	8.83	100.0	44.1	-	P	L
ICV	Ben Ralys	4/11/17	7:16	21.49	8.84	8.83	99.9	43.1	-	P	L
CCV	Ben Ralys	4/11/17	3:34	22.77	8.62	8.68	100.7	44.1	-	P	L
CCV											

Report DO mg/L with one decimal figure and DO % saturation as a whole number with no decimals.

DO Acceptance criteria from Table ± 0.3 mg/L.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	Ben Ralys	4/11/17	7:20	161111D	11/2017	1,000	1,000	P	L
ICV	Ben Ralys	4/11/17	7:22	161111D	11/2017	1,000	1,000	P	L
CCV	Ben Ralys	4/11/17	3:36	170310E	03/2018	100	103	P	L
CCV									

Report specific conductance as a whole number with no decimal figure.

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Ben Ralys	4/11/17	7:24	161111B	5/2018	7.0	6.99	-9.8	P	L
Calibr.	Ben Ralys	4/11/17	7:26	161111A	11/2017	4.0	3.82	165.9	P	L
Calibr.	Ben Ralys	4/11/17	7:30	161111C	5/2018	10.0	9.97	-172.5	P	L
ICV	Ben Ralys	4/11/17	7:32	161111C	5/2018	10.0	9.96	-171.7	P	L
CCV	Ben Ralys	4/11/17	3:38	161111A	11/2017	4.00	3.90	161.3	P	L
CCV										

Report pH with one decimal place; pH Acceptance criteria ± 0.2 SU; mV pH7 Range 0 $\pm$ 50;

mV pH 4 Range +180 $\pm$ 50;

mV pH 10 Range -180 $\pm$ 50; Slope from 7 to 10 and 4 to 7 must be between 165 and 180 mV

Depth (Quarterly)

Date of Last Depth Verification

Depth Sensor (Daily)	Name	Date	Time CT-ET	Zero the Sensor	ICV Value	Pass / Fail	Lab / Field
Pressure mode in air				0.000			

ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater

Request Number: 2017-04-10-19

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal Form

Page 1 of 4

Black Creek, Quincy Creek, Tanyard Branch

Requester: Curtis Musson

Field Report Prepared By: Ben Rakes

Customer: WQ-ASSESS

Sampling Agency: FDEP

Project ID: SMP

Collected By: Ben Rakes Phil Hornum

Location	Collection (comp begin or grab)	Date	Time	Collection (comp begin or grab)	Date	Time	Bottle Group(s)
Juniper Creek upstream of Juniper Creek Rd. Field ID →  April 11, 2017 G1WA0059_04112017	☐ Comp ☒ Grab	4/11/17	10:35	☐ Comp ☒ Grab	—	—	C, D, E
Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)	Temp (C)	pH	Sample Depts (m)	Sp. Conductance (umho/cm)		
Fresh		16.73	6.03	0.3	67		
Salinity (ppt)	Comments						
0.03							
Latitude (Decimal Degrees)	Longitude (Decimal Degrees)						
30.531	-84.736						
Quincy Creek upstream of SR 65 Field ID →  April 11, 2017 G1WA0049_04112017	☐ Comp ☒ Grab	4/11/17	11:20	☐ Comp ☒ Grab	—	—	B, C, D, F
Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)	Temp (C)	pH	Sample Depts (m)	Sp. Conductance (umho/cm)		
Fresh	8.89	16.74	6.92	0.3	74		
Salinity (ppt)	Comments						
0.03							
Latitude (Decimal Degrees)	Longitude (Decimal Degrees)						
30.599	-84.576						
Quincy Creek 100 meters upstream of Ralph Strong Rd. Field ID →  April 11, 2017 G1WA0018_04112017	☐ Comp ☒ Grab	4/11/17	12:55	☐ Comp ☒ Grab	—	—	B, C, D, F
Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)	Temp (C)	pH	Sample Depts (m)	Sp. Conductance (umho/cm)		
Fresh	9.13	18.27	6.94	0.3	74		
Salinity (ppt)	Comments						
0.03							
Latitude (Decimal Degrees)	Longitude (Decimal Degrees)						
30.5837	-84.5503						

Relinquished By: Ben Rakes

Date/Time

4/11/17

Number of Coolers

4

Received By:

Date/Time

Request Number: 2017-04-10-19

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal Form

Page 1 of 4

Black Creek, Quincy Creek, Tanyard Branch

Requester: Curtis Musson

Field Report Prepared By: Ben Raly's

Customer: WQ-ASSESS

Sampling Agency: FDEP

Project ID: SMP

Collected By: Ben Raly's Phil Hounam

Location	Collection (comp begin or grab)	Date	Time	Eastern Central	Collection (comp begin or grab)	Date	Time	Bottle Group(s)
Black Creek upstream of Bloxham Cutoff Field ID → Black Creek upstream of Bloxham Cu off April 11, 2017	☐ Comp ☒ Grab	4/11/17	8:30	Eastern Central				A
STORET ↓ Q1WA0023	Matrix (Salt, Fresh) Fresh	Diss. Oxygen (mg/L) 8.11	Temp (C) 16.98	pH 3.78	Sample Depts (m) 0.3	Sp. Conductance (umho/cm) 54		
	Salinity (ppt) 0.02	Comments						
	Latitude (Decimal Degrees) 30.27792	Longitude (Decimal Degrees) -84.3858						
Soapstone Branch 100 meters upstream of SR 375 Field ID → Soapstone Branch 100 meters upstream of SR 375 April 11, 2017	☐ Comp ☒ Grab	4/11/17	9:00	Eastern Central				A
STORET ↓ Q1WA0012	Matrix (Salt, Fresh) Fresh	Diss. Oxygen (mg/L) 8.25	Temp (C) 16.23	pH 4.30	Sample Depts (m) 0.15	Sp. Conductance (umho/cm) 46		
	Salinity (ppt) 0.02	Comments						
	Latitude (Decimal Degrees) 30.38625	Longitude (Decimal Degrees) -84.6355						
Black Creek upstream of SR 375 Field ID → Black Creek upstream of SR 375 April 11, 2017	☐ Comp ☒ Grab	4/11/17		Eastern Central				C, D, E
STORET ↓ Q1WA0047	Matrix (Salt, Fresh) Fresh	Diss. Oxygen (mg/L) 8.48	Temp (C) 17.14	pH 4.33	Sample Depts (m) 0.3	Sp. Conductance (umho/cm) 45		
	Salinity (ppt) 0.02	Comments						
	Latitude (Decimal Degrees) 30.325	Longitude (Decimal Degrees) -84.693						

Relinquished By:

Date/Time

Number of Coolers

Received By:

Date/Time

Request Number: 2017-04-10-19

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal Form

Page 1 of 4

Black Creek, Quincy Creek, Tanyard Branch

Requester: Curtis Musson

Field Report Prepared By: Ben Rabys

Customer: WQ-ASSESS

Sampling Agency: FDEP

Project ID: SMP

Collected By: Ben Rabys Phil Homann

Location

Tanyard Branch 100
meters upstream of
Ralph Strong Rd.

STORET ↓



G1WA0005

Field ID →
Tanyard Branch
500 meters
upstream of Ralph
Strong Rd.
April 11, 2017

G1WA0005_04112017

☐ Comp
☒ Grab

Collection (comp begin or grab)

Date 4/11/17

Time 12:40

Eastern
Central

Collection (comp begin or grab)

Date

Time

Bottle
Group(s)

Matrix (Salt, Fresh)

Fresh

Diss. Oxygen
(mg/L)

7.76

Temp

(C)

20.36

pH

6.99

Sample Depts
(m)

0.1

Sp. Conductance
(umho/cm)

261

A

Salinity
(ppt)

0.12

Comments

Latitude (Decimal Degrees)

30.5832

Longitude (Decimal Degrees)

-84.5319

Location

Little River 100
meters upstream
of SR 12

STORET ↓



G1WA0020

Field ID →
Little River 100
meters upstream
of SR 12
April 11, 2017

G1WA0020_04112017

☐ Comp
☒ Grab

Collection (comp begin or grab)

Date 4/11/17

Time 2:00

Eastern
Central

Collection (comp begin or grab)

Date

Time

Bottle
Group(s)

Matrix (Salt, Fresh)

Fresh

Diss. Oxygen
(mg/L)

8.93

Temp

(C)

17.41

pH

6.92

Sample Depts
(m)

0.3

Sp. Conductance
(umho/cm)

94

A, C, D,
ESalinity
(ppt)

0.04

Comments

Latitude (Decimal Degrees)

30.5882

Longitude (Decimal Degrees)

-84.4957

Location

Little River 100
meters upstream
of SR 12

STORET ↓



G1WA0020

Field ID →
QC DUP
Little River 100
meters upstream
of SR 12
April 11, 2017

G1WA0020_04112017D

☐ Comp
☒ Grab

Collection (comp begin or grab)

Date 4/11/17

Time 2:00

Eastern
Central

Collection (comp begin or grab)

Date

Time

Bottle
Group(s)

Matrix (Salt, Fresh)

Fresh

Diss. Oxygen
(mg/L)

8.93

Temp

(C)

17.41

pH

6.92

Sample Depts
(m)

0.3

Sp. Conductance
(umho/cm)

94

A, C

Salinity
(ppt)

0.04

Comments

DUPLICATE

Latitude (Decimal Degrees)

30.5882

Longitude (Decimal Degrees)

-84.4957

Relinquished By:

Date/Time

4/11/17

Number of Coolers

4

Received By:

Date/Time

Request Number: 2017-04-10-19

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal Form

Black Creek, Quincy Creek, Tanyard Branch

Customer: WQ-ASSESS

Project ID: SMP

Requester: Curtis Musson

Field Report Prepared By: Ben Rags

Page 1 of 4

Sampling Agency: FDEP

Collected By: Ben Rags, Phil Homann

Location

Blank
DI Water

Field ID

SQC Blank
DI Water

April 11, 2017



Q1WA0020_04112017B

☐ Comp
☒ Grab

Collection (comp begin or grab)

Date 4/11/17

Time

Eastern
Central

Collection (comp begin or grab)

Date

Time

Bottle
Group(s)

Matrix (Salt, Fresh)

Diss. Oxygen
(mg/L)Temp
(C)

pH

Sample Depts
(m)Sp. Conductance
(umho/cm)Salinity
(ppt)

Comments

Field Blank

Latitude (Decimal Degrees)

30.5882

Longitude (Decimal Degrees)

-84.4957

AC

Location

☐ Comp
☒ Grab

Collection (comp begin or grab)

Date 4/11/17

Time

Eastern
Central

Collection (comp begin or grab)

Date

Time

Bottle
Group(s)

Matrix (Salt, Fresh)

Diss. Oxygen
(mg/L)Temp
(C)

pH

Sample Depts
(m)Sp. Conductance
(umho/cm)Salinity
(ppt)

Comments

Latitude (Decimal Degrees)

Longitude (Decimal Degrees)

Location

☐ Comp
☒ Grab

Collection (comp begin or grab)

Date 4/11/17

Time

Eastern
Central

Collection (comp begin or grab)

Date

Time

Bottle
Group(s)

Matrix (Salt, Fresh)

Diss. Oxygen
(mg/L)Temp
(C)

pH

Sample Depts
(m)Sp. Conductance
(umho/cm)Salinity
(ppt)

Comments

Latitude (Decimal Degrees)

Longitude (Decimal Degrees)

Relinquished By:

Date/Time

4/11/17

Number of Coolers

4

Received By:

Date/Time

Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>2</u>
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: B	Bottle Type:	P-125ML	# of Bottles: 2	Preservative: ICE-FLTR	Enter Number of Bottles Sent to Lab	<u>2</u>
	W-PO4-F					
Group: C	Bottle Type:	P-250ML-WO-THI	# of Bottles: 7	Preservative: ICE	Enter Number of Bottles Sent to Lab	<u>7</u>
	ECOLI-18QT					
Group: D	Bottle Type:	BG-1L	# of Bottles: 5	Preservative: ICE	Enter Number of Bottles Sent to Lab	<u>5</u>
	W-AHERB-AA					
	W-SUC-AA-R					
	W-UHERB-AA					
Group: E	Bottle Type:	QPCR-P-250ML	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab	<u>6</u>
	PCR-FILTER					
Group: F	Bottle Type:	QPCR-P-250ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	<u>4</u>
	PCR-HF183					

Group: A	Bottle Type:	P-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 6	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 6	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: B	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
	W-ICP					
	W-ICPMS					

Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3				
	W-NO2NO3				
	W-S-A-TP				
	W-TKN				
	W-TOC				
Group: B	Bottle Type:	P-125ML	# of Bottles: 2	Preservative: ICE-FLTR	Enter Number of Bottles Sent to Lab _____
	W-PO4-F				
Group: C	Bottle Type:	P-250ML-WO-THI	# of Bottles: 7	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
	ECOLI-18QT				
Group: D	Bottle Type:	BG-1L	# of Bottles: 5	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
	W-AHERB-AA				
	W-SUC-AA-R				
	W-UHERB-AA				
Group: E	Bottle Type:	QPCR-P-250ML	# of Bottles: 6	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
	PCR-FILTER				
Group: F	Bottle Type:	QPCR-P-250ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
	PCR-HF183				

Cooler Packing Worksheet for Request: RQ-2017-04-10-19

Black, Tanyard, Soapstone, Little, Qunicy, Juniper

Ship Cooler On: 4/5/2017

Customer/Project: WQ-ASSESS/SMP

Assigned To: SHAIK_A

Requester: Curtis Musson

Priority: 3

850-245-8453
Division Of Water Facilities, FL DEP
2600 Blair Stone Rd.
Tallahassee, FL 32399-2400
Attn: Curtis Musson

Comments:

No preservatives needed.

Group A: Freshwater Nutrient Kit

Group B: Freshwater Nutrient Kit With Metals

Group C: E. coli

Group D: Organics (wastewater tracers)

Group E: PCR-FILTER (Markers)

Group F: PCR-HF183 (Markers)

Packing Notes

No FedEx labels needed, sample will be dropped off.

6 - liters of DI for a suite of blanks

Requested Analyses:

Bottle Group: A

of Sites: 6

Container ID: P-1L

Qty: 6 Preservation: ICE

Lot # 00067591

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices

Container ID: BP-1L

Qty: 6 Preservation: ICE

Lot # 1191091

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry

Container ID: P-500ML

Qty: 6 Preservation: ICE And H2SO4

Lot # 00067590

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 6 Preservation: ICE-FLTR

Lot # 00066993

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: B

of Sites: 2

Container ID: P-1L

Qty: 2 Preservation: ICE

Lot # 00067591

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices

Container ID: BP-1L

Qty: 2 Preservation: ICE

Lot # 1191091

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry

Container ID: P-500ML

Qty: 2 Preservation: HNO3

Lot # 50067590

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

Analysis

W-ICP

W-ICPMS

Description

Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Container ID: P-500ML

Qty: 2 Preservation: ICE And H2SO4

Lot # 50067590

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 2 Preservation: ICE-FLTR

Lot # 50066993

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: C

of Sites: 7

Container ID: P-250ML-WO-THI

Qty: 7 Preservation: ICE

Lot # 417013

Description:

Analysis

ECOLI-18QT

Description

Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Bottle Group: D**# of Sites: 5**

Container ID: BG-1L

Qty: 5 Preservation: ICE

Lot # 00066798

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

Analysis

W-AHERB-AA

W-SUC-AA-R

W-UHERB-AA

Description

Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS

Analysis of sucralose in water matrices by HPLC/MS/MS

Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

Bottle Group: E**# of Sites: 3**

Container ID: QPCR-P-250ML

Qty: 6 Preservation: ICE

Lot # 00065789

Description:

Analysis

PCR-FILTER

Description

Preparation of Samples by Filtration and held for qPCR Analysis

Bottle Group: F**# of Sites: 2**

Container ID: QPCR-P-250ML

Qty: 4 Preservation: ICE

Lot # 00065789

Description:

Analysis

PCR-HF183

Description

Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

Cooler Packed By: _____ Date: _____

DEP Cooler ID #(s): _____

Kit must also include:

- ___ Field Sheets
- ___ Temperature Control Bottle (1 per cooler)
- ___ FedEx Bills, if applicable (1 per cooler)
- ___ Plastic Bags
- ___ Zip Ties

If Preservation Included:

ID _____	Lot # _____
ID _____	Lot # _____
ID _____	Lot # _____
ID _____	Lot # _____
ID _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2017-04-10-19